

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Previously Presented) Integrated multispot satellite communication system in a multimedia broadcasting network with a return channel, comprising common means of burst synchronisation such that the transmission rate in a downlink direction from the satellite is a whole multiple of a clock reference of said network.

2. (Currently Amended) ~~System~~ The system according to claim 1, said system comprising a satellite configured to generate said network clock reference.

3. (Previously Presented) The system of claim 2, further comprising a multiplexer.

4. (Previously Presented) The system according to claim 3, characterised in that said multiplexer is suitable for fitting in a synchronous manner different uplink channels into a downlink signal, wherein a period of the downlink frame is equal to a period of the uplink frame.

5. (Previously Presented) Method of burst synchronisation in an integrated multispot satellite communication system in a multimedia broadcasting network with return channel, wherein said synchronisation is common for a multimedia services provider and a user, in such a

manner that the transmission rate in a downlink direction is a whole multiple of a network clock reference.

6. (Currently Amended) ~~The method~~ according to claim 5, comprising generating said network clock reference in a satellite of said system.

7. (Previously Presented) The method of claim 5, wherein a satellite uses a multiplexer to perform said synchronization.

8. (Previously Presented) The method of claim 7, wherein said multiplexer synchronously fits different uplink channels into a downlink signal, and a period of the downlink frame is equal to a period of the uplink frame.

9. (Previously Presented) The system of claim 1, wherein said system is configured to communicate in accordance with digital video broadcasting-return channel system (DVB-RCS).

10. (Previously Presented) The method of claim 5, wherein method comprises communicating in accordance with digital video broadcasting-return channel system (DVB-RCS).

11. (Previously Presented) The system of claim 1, wherein said downlink direction transmission rate is one of 54 Mbit/s, 81 Mbit/s and 108 Mbit/s.

12. (Previously Presented) The method of claim 5, wherein said downlink direction transmission rate is one of 54 Mbit/s, 81 Mbit/s and 108 Mbit/s.

13. (Previously Presented) The system of claim 1, wherein a bandwidth of a transmitter onboard said satellite is a multiple of 27 MHz.

14. (Previously Presented) The method of claim 5, wherein a transmitter onboard said satellite operates at a bandwidth that is a multiple of 27 MHz.